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Tyr Ile Lys Leu Tyr Cys Asp Leu Pro Arg Gly Asp Phe Glu Ala Val 420 425 430

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Asp Ser Gly Pro Leu Ala Tyr Ala Ala Ala Gly Glu Leu Glu Lys Ser 515 520 525

Ser Cys Asp Ser Thr Gln Ala Leu Val Ala Phe Ser Asp Val Asp Leu 530 540

Ile Leu Glu Ala Ser Glu Ala Gly Arg Pro Pro Gly Leu Glu Thr Tyr 545 550 555 560

Gly Phe Pro Ser Val Thr Leu Ile Ser Cys Gln Gln Pro Gly Ala Pro 565 570 575

Arg Leu Glu Gly Ser His Cys Val Glu Pro Glu Gly Asn His Phe Gly 580 585 590

Asn Pro Gln Pro Ser Met Asp Gly Glu Leu Leu Leu Arg Ala Glu Gly 595 600 605

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gac Asp	tca Ser	999 61y 515	ccc Pro	cta Leu	gcc Ala	tat Tyr	gct Ala 520	gcg Ala	gcc Ala	gjå aaa	gag Glu	ctg Leu 525	gag Glu	aag Lys	agc Ser	1584
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650

655

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240

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Ile	Ser	Cys 615 gag	Gly tac	Leu gga	Leu	Ala cgc	Ser 620 tgg	gtc Val gag		Ala 999	Leu	Thr 625 ggc	ttt Phe tgc	Gly	Gln	1987 2035
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	cag Gln															2323
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	ctg Leu															2419
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Pro 805	gag Glu	Ala	Val	Lys	Ser 810	Val	Leu	Leu	Val	Val 815	Leu	Pro	Leu	Pro	Ala 820	2563
Cys	ctc Leu	Asn	Pro	Leu 825	Leu	Tyr	Leu	Leu	Phe 830	Asn	Pro	His	Phe	Arg 835	Asp	2611
	ctt Leu															2659
	gct Ala															2707
	ctg Leu 870		Ala	Phe		Asp	Val									2755
	GJA aaa													_		2803
	atc Ile															2851
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Ser Ala Asp Cys Ser Glu Leu Gly Leu Ser Ala Val Pro Gly Asp Leu 50 55 60	
Asp Pro Leu Thr Ala Tyr Leu Asp Leu Ser Met Asn Asn Leu Thr Glu 65 70 75 80	

105

Leu Tyr Ser Leu Lys Ile Leu Met Leu Gln Asn Asn Gln Leu Gly Gly Ile Pro Ala Glu Ala Leu Trp Glu Leu Pro Ser Leu Gln Ser Leu Arg Leu Asp Ala Asn Leu Ile Ser Leu Val Pro Glu Arg Ser Phe Glu Gly Leu Ser Ser Leu Arg His Leu Trp Leu Asp Asp Asn Ala Leu Thr Glu 1.75 Ile Pro Val Arg Ala Leu Asn Asn Leu Pro Ala Leu Gln Ala Met Thr Leu Ala Leu Asn Arg Ile Ser His Ile Pro Asp Tyr Ala Phe Gln Asn Leu Thr Ser Leu Val Val Leu His Leu His Asn Asn Arg Ile Gln His Leu Gly Thr His Ser Phe Glu Gly Leu His Asn Leu Glu Thr Leu Asp Leu Asn Tyr Asn Lys Leu Gln Glu Phe Pro Val Ala Ile Arg Thr Leu Gly Arg Leu Gln Glu Leu Gly Phe His Asn Asn Asn Ile Lys Ala Ile Pro Glu Lys Ala Phe Met Gly Asn Pro Leu Leu Gln Thr Ile His Phe Tyr Asp Asn Pro Ile Gln Phe Val Gly Arg Ser Ala Phe Gln Tyr Leu Pro Lys Leu His Thr Leu Ser Leu Asn Gly Ala Met Asp Ile Gln Glu Phe Pro Asp Leu Lys Gly Thr Thr Ser Leu Glu Ile Leu Thr Leu Thr Arg Ala Gly Ile Arg Leu Leu Pro Ser Gly Met Cys Gln Gln Leu Pro Arg Leu Arg Val Leu Glu Leu Ser His Asn Gln Ile Glu Glu Leu Pro Ser Leu His Arg Cys Gln Lys Leu Glu Glu Ile Gly Leu Gln His Asn Arg Ile Trp Glu Ile Gly Ala Asp Thr Phe Ser Gln Leu Ser Ser Leu Gln Ala Leu Asp Leu Ser Trp Asn Ala Ile Arg Ser Ile His Pro Glu

Ala Phe Ser Thr Leu His Ser Leu Val Lys Leu Asp Leu Thr Asp Asn 420 425 430

Gln Leu Thr Thr Leu Pro Leu Ala Gly Leu Gly Gly Leu Met His Leu 435 440 445

Lys Leu Lys Gly Asn Leu Ala Leu Ser Gln Ala Phe Ser Lys Asp Ser 450 460

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Gly Leu Leu Ala Arg Gln Ala Glu Asn His Tyr Asp Gln Asp Leu Asp 515 520 525

Glu Leu Gln Leu Glu Met Glu Asp Ser Lys Pro His Pro Ser Val Gln 530 540

Cys Ser Pro Thr Pro Gly Pro Phe Lys Pro Cys Glu Tyr Leu Phe Glu 545 550 555 560

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Leu Cys Asn Gly Leu Val Leu Leu Thr Val Phe Ala Gly Gly Pro Ala 580 585 590

Pro Leu Pro Pro Val Lys Phe Val Val Gly Ala Ile Ala Gly Ala Asn 595 600 605

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Cys Val Arg Ala Tyr Gly Lys Ser Pro Ser Leu Gly Ser Val Arg Ala 675 680 685

Gly Val Leu Gly Cys Leu Ala Leu Ala Gly Leu Ala Ala Ala Leu Pro 690 695 700

Leu Ala Ser Val Gly Glu Tyr Gly Ala Ser Pro Leu Cys Leu Pro Tyr 705 710 715 720

Ala Pro Pro Glu Gly Gln Pro Ala Ala Leu Gly Phe Thr Val Ala Leu 725 730 735

Val Met Met Asn Ser Phe Cys Phe Leu Val Val Ala Gly Ala Tyr Ile 740 745 750

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Cys Ala Met Val Arg His Val Ala Trp Leu Ile Phe Ala Asp Gly Leu 770 780

Leu Tyr Cys Pro Val Ala Phe Leu Ser Phe Ala Ser Met Leu Gly Leu 785 790 795 800

Phe Pro Val Thr Pro Glu Ala Val Lys Ser Val Leu Leu Val Val Leu 805 810 815

Pro Leu Pro Ala Cys Leu Asn Pro Leu Leu Tyr Leu Leu Phe Asn Pro 820 825 830

His Phe Arg Asp Asp Leu Arg Arg Leu Arg Pro Arg Ala Gly Asp Ser 835 840 845

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Cys	Val	Arg 675	Ala	Tyr	Gly	Lys	Ser 680	Pro	Ser	Leu	Gly	Ser 685	Val	Arg	Ala	
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